CONFERENCE

PR

UCB Network Retreat

January 11, 1996

AOL as a 'NOW' Internet as a 'NOW'

AOL as a NOW



- Vlarge Cluster of Unix and NII, hubs routers
- •10K's of simultaneous users
- ·>10knewusers a day
- Viderogeneous computing and

Operations Issues for AOL

- ompled last year
- o4 million email messages/day
- e.s. gopher/wais gateway is 13 madhines, email gateway is several...
- Okeliability, madines, network,

Internet as a NOW

- ♦ Distributed AOL or Dialog
- ◊ Protocols: few,
- eserver software: many,
- odient software: bundnes,
- Selvellis ances of
- V Unix is losing its dominance to:

Internet Problems: Structural

- Technology stream, but no revenue stream
- **Standards** process needs help:
- o Reference implementations
- obdiershudured system communes?

Infrastructure Needs

- Cadning: "dFTP, dHTTP"?
- · Log inito for billing/advertising to owner
- · Control of distribution
- o Tine y dia gas of data

Infrastructure needs (more)

- Multi-user "sockets" for app development:
- •Chat, MUD's, Virtual spaces
- V Realtime applications:
- Telephone, confedls, fast with sames
- Virtual University: beyond the leaure hall
- · Videoniademaid for empls admics

Conclusion

- Vinternet could be the mother of all 'NOW's
- \[
 \text{Intermet needs help}
 \]
- O Internet is worth he ping

Trands Heavierusage Referries,





